

State of California
Business, Transportation and Housing Agency
Department of Transportation

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HIGHWAY FINANCIAL MATTERS
Project Greater Than 120%
Resolution: FP-00-41
CTC Meeting: November 1-2, 2000

Agenda Item: 2.5d

Original Signed By _____
W. J. Evans, Deputy Director
Finance
October 20, 2000

**ALLOCATIONS FOR PROJECTS WITH VALUE GREATER THAN 120 PERCENT OF
PROGRAMMED AMOUNT**

RESOLUTION FP-00-41

RECOMMENDATION

The Department recommends that the California Transportation Commission approve the following Resolution.

FINANCIAL RESOLUTION

Resolved, that \$3,383,000 be allocated from Budget Act Items 2660-301-0042 and 2660-301-0890, Budget Act of 2000 for the projects on the attached sheet.

The Department has complied with the National Environmental Policy Act and the California Environmental Quality Act requirements in preparing these projects.

These major construction projects proposed for funding are included in the adopted State Highway Operation and Protection Program (SHOPP).

SUMMARY AND CONCLUSIONS

This resolution allocates State and Federal funds of \$3,383,000 for two (2) new major construction projects. These projects have a total cost greater than 120 percent of the programmed amount.

The additional funds of \$942,000 requested for these SHOPP projects will come from SHOPP savings.

Project # Allocation Amount Recipient County Dist-Co-Rte Postmile	Location Project Description Project Support Expenditures	EA (PPNO) Program (Prog Year) Prog Amount	Budget Year Item # Program Codes	State Federal Total Amount
1 \$2,447,000 Department of Transportation Monterey 05N-Mon-101 64.6/66.4	Near Soledad from 0.5 kilometer south of Camphora-Gloria Overcrossing to 0.5 kilometer north of Soledad Prison Overcrossing. Construct Median Barrier.	448901 (0489K) SHOPP/ 00-01	2000-01 301-0042 301-0890 20.20.201.010	- \$2,447,000
	Support Expenditures to Date: \$234,632	\$1,741,000		\$2,447,000



PROJECT DESCRIPTION

This project is in Monterey County, near Soledad, from 0.5 km south of Camphora-Gloria Overcrossing to 0.5 km north of Soledad Prison Overcrossing. This project will construct concrete median barrier, safety improvements and ramp upgrades.

FUNDING STATUS

The project is currently programmed in the 2000 SHOPP for \$1,741,000 for construction in the 2000/01 Fiscal Year. This request for \$706,000 is 41% above the programmed amount.

BACKGROUND

This section of freeway exceeds the statewide average for cross-median accidents. This project will construct concrete barrier in the median of Route 101, with asphalt concrete pavement placed up to the face of barrier, and make other significant improvements to the freeway. Safety improvements include modifications to drainage, guardrail, and electrical items on the mainline and ramps within the project limits. The ramp improvements include upgrading all ramp shoulders to standard widths.

REASON FOR INCREASE

The initial proposal for the median barrier was metal thrie-beam type barrier. After a comprehensive review in consultation with the City of Soledad, it was decided that a concrete type barrier would be a better alternative for safety and aesthetic reasons. Concrete barriers require less maintenance and result in less exposure for maintenance crews and less disruption to the travelling public compared to a metal thrie-beam alternative. The City of Soledad also expressed a preference for a concrete barrier based on aesthetic concerns. This change has resulted in a cost increase of \$590,000.

The additional \$116,000 can be attributed primarily to the exceptionally large increase in the cost of asphalt.

FUNDING OPTIONS

OPTION A: Approve this request as presented above for \$ 2,447,000 to allow this project to be advertised.

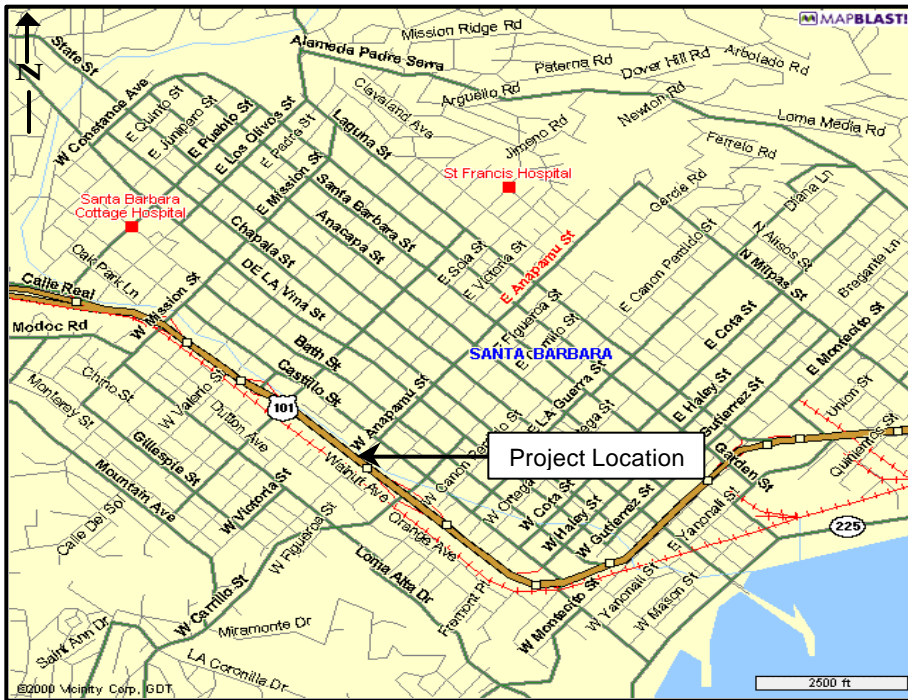
OPTION B: Deny this request and direct the Department to redesign the project to bring the cost within the programmed amount.

The Department considered this option. The concrete alternative best meets the design criteria for median barrier and safety improvements for this segment of Route 101.

RECOMMENDED OPTION

The Department recommends that this request for \$2,447,000, as presented in Option A above, be approved to allow this project to be advertised.

Project #	Allocation Amount	Recipient	County	Location	EA (PPNO)	Budget Year	State
Dist-Co-Rte	Postmile	Project Description	Program (Prog Year)	Item #	Program Codes	Federal	
Project Support Expenditures				Prog Amount		Total Amount	
2							
\$936,000		In Santa Barbara at Anapamu Pedestrian Overcrossing.	363331				
Department of		Retrofit Bridge.	(0361B)	2000-01			
Santa Barbara			SHOPP/ 00-01	301-0042		\$107,000	
05S-SB-101				301-0890		\$829,000	
R14.9				20.20.201.110			
		Support Expenditures to Date: \$294,704	\$700,000			\$936,000	



PROJECT DESCRIPTION

This project is in Santa Barbara County in the City of Santa Barbara at the Anapamu Street Pedestrian Overcrossing (POC.). The project seismically retrofits the Anapamu Street POC.

FUNDING STATUS

The project is programmed in the 1998 SHOPP for \$700,000 for construction in the 2000/01 Fiscal Year. This request for \$236,000 is 34% above the programmed amount.

BACKGROUND

This project was split from a larger project that was programmed for \$5,855,000 in the 1998/99 Fiscal Year to replace three structures in the City of Santa Barbara. After the Plans, Specifications and Estimate (PS&E) for the original project were completed, the City of Santa Barbara requested major scope changes that necessitated design and cost changes for the two POCs. During negotiations with the City, one of the structures (Ortega Street POC) was struck by an oversized load and required immediate replacement. In order to facilitate the replacement of Ortega St. POC, the parent project was split into three separate bridge projects: Ortega Street POC Bridge Replacement (EA 363301, PPNO 0361), Micheltorena Street Overcrossing Bridge Replacement (EA 363321, PPNO 0361A) and this project for Anapamu Street POC Bridge Retrofit. When the Department and the City could not come to an agreement on funding for an enlarged project for the Anapamu Street POC, the Department determined that the seismic retrofit for this structure should not be delayed any longer.

REASON FOR INCREASE

The preliminary cost estimate to retrofit the Anapamu POC was \$700,000. During the design of the project, the retrofit strategy was revised resulting in a slight cost increase. Additional painting of a portion of the structural elements also resulted in a cost increase because the existing paint was found to contain red-lead based paint, a known toxicant. These changes resulted in an increase of approximately \$120,000.

The remainder of the cost increase can be attributed to the split. This project was scheduled to be the third of the three separate bridge projects to be voted and was programmed with the remaining funds from the split. The other two projects had cost increases that were adjusted for by increasing their programmed amounts after the project was split. Because of the uncertainty about ultimate scope for the Anapamu Street POC at the time of the split, a cost adjustment was not requested at that time. This has resulted in a shortfall for this project of \$116,000.

FUNDING OPTIONS

OPTION A: Approve this request as presented above for \$936,000 to allow this project to be advertised.

OPTION B: Deny this request and direct the Department to redesign the project to bring the cost within the programmed amount.

The Department considered this option. As the project is located in a high seismic activity area, it is necessary for this bridge to be retrofitted and upgraded to current seismic design criteria.

RECOMMENDED OPTION

The Department recommends that this request for \$936,000, as presented in Option A above, be approved to allow this project to be advertised.